

**Notice of Allowability**

Application No.

09/635,999

Examiner

Joshua D Campbell

Applicant(s)

AYERS ET AL.

Art Unit

2179

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to After-final amendment filed on 1/20/2005.
2. ☒ The allowed claim(s) is/are 69-72, 74-82 and 84-90.
3. ☒ The drawings filed on 8/9/05 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

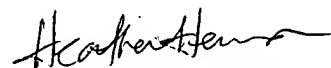
\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

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|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|   | 9. <input type="checkbox"/> Other _____   |



HEATHER R. HERNDON  
SUPERVISORY PATENT EXAMINER

### **EXAMINER'S AMENDMENT AND REASONS FOR ALLOWANCE**

1. This action is responsive to communications: After-final Amendment filed on 01/20/2005.
2. Claims 69-72, 74-82, and 84-90 are pending in this case. Claims 69 and 79 are independent claims. Claims 73 and 83 have been cancelled. Claims 69, 70, 74, 78, 79, 80, 84, and 88 have been amended. Claims 89 and 90 are newly added claims.
3. The rejection of claims 69-71, 76-81, and 86-88 under 35 U.S.C. 102(e) as being anticipated by Schilit et al. (hereinafter Schilit, US Patent Number 6,687,876, filed December 30, 1998) has been withdrawn due to the addition of indicated allowable subject matter to the independent claims.
4. The rejection of claims 72 and 82 under 35 U.S.C. 103(a) as being unpatentable over Schilit et al. (hereinafter Schilit, US Patent Number 6,687,876, filed December 30, 1998) as applied to claims 70 and 80 above, and further in view of (hereinafter Kohno, US Patent Number 5,819,300, issued on October 6, 1998) has been withdrawn due to the addition of indicated allowable subject matter to the independent claims.
5. The rejection of claims 75 and 85 under 35 U.S.C. 103(a) as being unpatentable over Schilit et al. (hereinafter Schilit, US Patent Number 6,687,876, filed December 30, 1998) as applied to claims 69 and 79 above, and further in view of Microsoft Word 2000 (hereinafter Word, Microsoft Word 2000, published in 1999) has been withdrawn due to the addition of indicated allowable subject matter to the independent claims.

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### **EXAMINER'S AMENDMENT**

6. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Tim H. Pham on February 8, 2005

The application has been amended as follows:

Replace claim 79 with:

79. (currently amended by the examiner) A method for reflowing a page, comprising:

electronically receiving a page represented in a page description language, the page including a plurality of columns of text positioned side-by-side on the page, each of the plurality of columns having a width and a length, the page further including a graphical element having a vertical position on the page, adjacent to a vertical side of one of and outside each of the columns;

for each of the plurality of columns, associating an item of text in the column with the graphical element, the item and the graphical element having a spatial relationship in that the item has a vertical position corresponding to the vertical position of the graphical element;

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for at least one of the plurality of the columns, changing a size of the text, the width of the column, or both so that the relationship between

the size of the text and the width of the column is changed, and then reflowing text in the plurality of columns so that the item of text in each of the columns has a new vertical position as result of the reflow;

for each of the items calculating a change in vertical position resulting from the reflow; and

repositioning the graphical element on the page according to the new vertical position of the item of text having the greatest change in vertical position.

### **REASONS FOR ALLOWANCE**

7. The reasons for allowance for dependent claims 73-74 and 83-84 were stated in the previous office action (Final Rejection, mailed on 10/20/2004). The applicant has amended independent claims 69 and 79 to include the limitations of claims 73 and 84, which are considered to be allowable. Thus, the independent claims (69 and 79) and all dependent claims (70-72, 74-82, and 84-90) are now in condition for allowance based on the reasons for allowance from the previous office action regarding claims 73-74 and 83-84.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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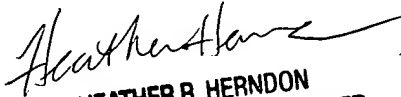
**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joshua D Campbell whose telephone number is (571) 272-4133. The examiner can normally be reached on M-F (8:00 AM - 4:30 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on (571) 272-4136. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JDC  
February 7, 2005

  
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